The BeoSound 4000 is a fully integrated music system with radio, compact disc player and tape recorder all in one unit.

The system can be placed anywhere you want music – on a wall in the specially designed wall bracket, on the specially designed stand, or on a table or sideboard.

No matter how, whenever you reach out to operate the BeoSound 4000, the glass doors slide open as if by magic, inviting you in to the music...

User's guide

This User's guide describes the operation of the BeoSound 4000 music system. Each function described in this guide is accompanied by a set of buttons which will guide you through the operation step-by-step.

The BeoSound 4000 may be used with various types of active Bang & Olufsen loudspeakers, or it may be used as a music centre in a Bang & Olufsen AV system. This guide applies to both situations.

Note: Complete setting-up and maintenance instructions are found in the *Setting-up guide,* which is also enclosed with the BeoSound 4000.

Be sure to keep the *Setting-up guide.* You will need it for cleaning and maintenance instructions, and when you move or rearrange your BeoSound 4000 setup in the future.

CONTENTS

4 Open to possibilities

6 Principles of operation

9 Using the radio

15 Using the CD player

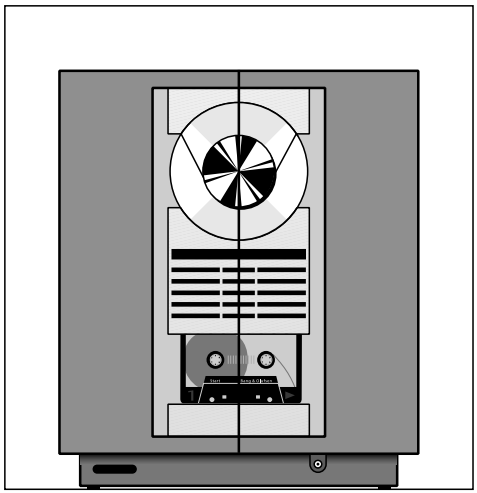
21 Using the tape recorder

27 Timer programming

33 Nice to know

38 Remote control
Using BeoSound 4000 in a link room with Beo4

Note: Detailed contents are found at the start of each major section.



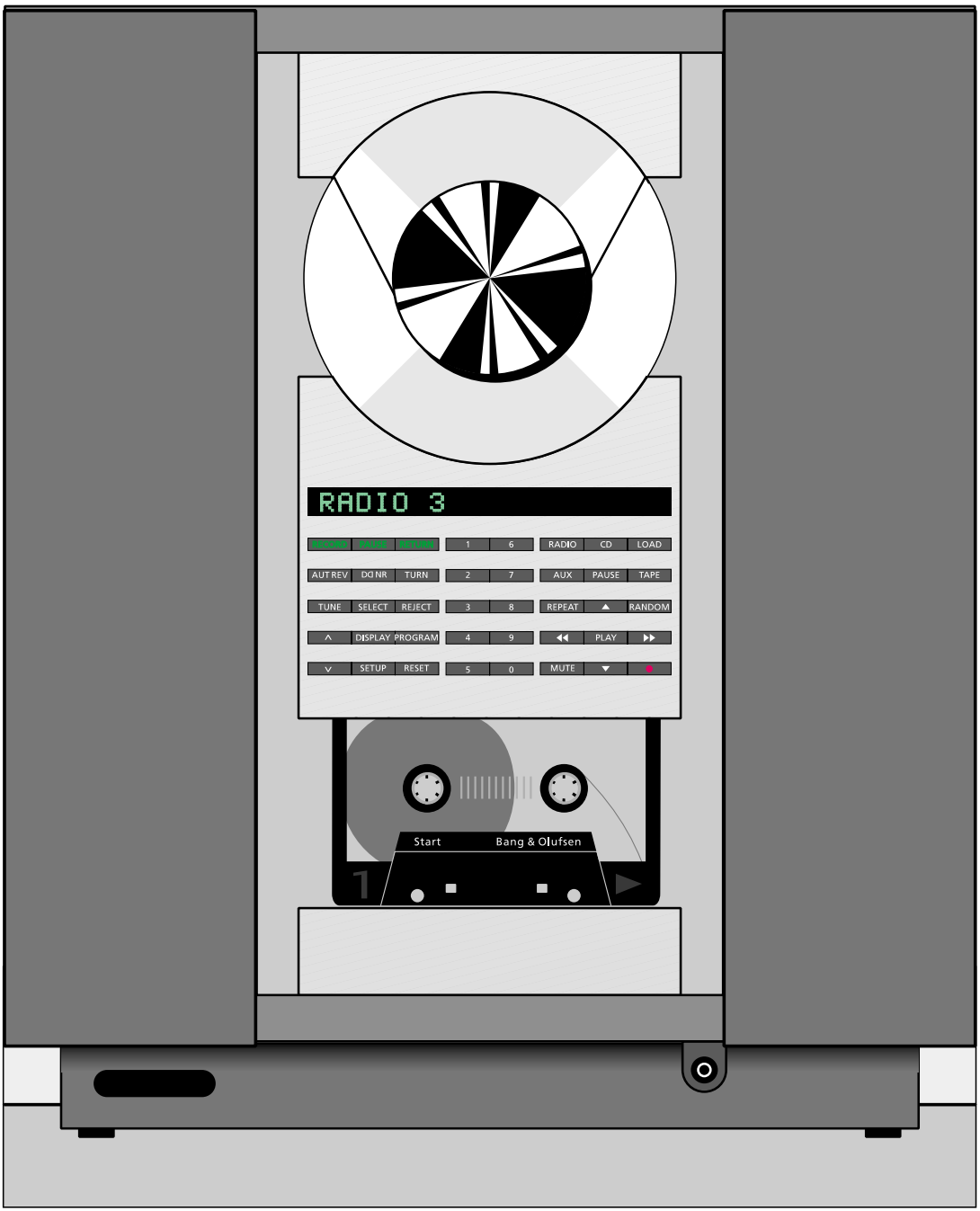
Your BeoSound 4000 music system is versatile, mobile... and responsive!

You can move the whole system around at will and place it wherever you like – on the wall in a specially designed bracket, on a table, or on the specially designed stand.

But no matter where you place your BeoSound 4000, it will always respond to a wave of your hand.

As soon as you reach out to touch the operation panel, the glass doors open automatically, revealing the music system concealed behind the screen.

RECORD
PAUSE
RETURN
1
6
RADIO
CD
LOAD
AUTREV
DOLBY NR
TURN
2
7
AUX
PAUSE
TAPE
TUNE
SELECT
REJECT
3
8
REPEAT
RANDOM
DISPLAY
PROGRAM
4
9
PLAY
SETUP
RESET
5
0
MUTE
ang & Olufsen



The top section holds the tray for compact discs. The disc is kept in place by a clamp, which can be raised or lowered by pressing the LOAD button (top right-hand button). Discs must always be loaded with the text side facing you!

The BeoSound 4000 radio only becomes visible when it is being used. The display then lights up with radio program information.

The middle-section contains the display and the buttons for operating the system.

The bottom section is for tape cassettes. Cassettes must be loaded with the tape slot pointing downwards!

Socket for headphones.

The open doors give you access to the operating panel and the display...

Number buttons
The number buttons enable you to key in radio program numbers, and to select specific tracks on a CD or a tape.

Status display
The display keeps you informed about what the system is doing and about any on-going operation.

Volume buttons
∧ and ∨ allow you to raise and lower the volume level.

Secondary functions
The buttons in the left-hand section give access to all the secondary functions in the system: Tuning in to radio stations and naming them, controlling the tape, programming a sequence of tracks on the CD player, adjusting sound, programming the Timer function, etc...

The three buttons with green text are used for recording only.

Primary functions
The buttons in the right-hand section give access to the primary functions in the system:

RADIO, CD, or TAPE: Plays the radio, the CD or the tape.
AUX: Switches on extra Bang & Olufsen equipment.
MUTE: Mutes or demutes the loudspeakers.
•: Switches the Ouverture to stand-by.

The step (▲ ▼) and wind (◀◀ ▶▶) buttons let you step or wind through radio programs and tracks.

REPEAT and RANDOM operate the special repeated and random playing functions in the CD player.

For detailed operating instructions, please refer to the relevant sections in this guide.

10 Switching displays
11 Playing your radio programs
12 Presetting radio stations
13 Radio program list
Clearing presets
14 Fine tuning a radio station
Mono/stereo reception

Note: Proper FM and AM aerial connections must be made to the BeoSound 4000 in order for the radio to pick up the stations available in your area. Please refer to the *Setting-up guide* for details about aerial connections.

Switching displays

RADIO Turn on the radio

then

DISPLAY Press repeatedly to change the radio display indication

The display can give you three different types of information about the radio program you are listening to:

- Program name*
- Program number
- Radio frequency

To switch from one display to the other, you must press the DISPLAY button repeatedly *while* the radio is playing.

Your chosen display indication for the radio will be maintained until you select another via the DISPLAY button.

*Program name indication**

Program number indication

Radio frequency indication

***Nice to know about RDS...**
The program name function requires that your radio is equipped with the RDS facility.

RDS is not a standard feature in all BeoSound 4000 radios. Please contact your Bang & Olufsen dealer for further information.

The RDS facility enables you to give a short name of your own choice to your radio programs. If you haven't named a program yourself, the station's own name may appear instead, provided such a name is being transmitted by the station.

In this way, the RDS facility enables you to remember a station not only by its program number, but also by a particular name.

Playing your radio programs

To turn on the radio simply press the RADIO button. The program you were last listening to starts playing, and you will see the indication RADIO followed by a program number in the display.

If you have given a name to the radio program, or if the radio station you are listening to transmits a name of its own, the display may read out that name instead*.

To switch to another program you can either use the step buttons ▲ or ▼, or you can key in the exact program number you want, using the number buttons.

If you select another source, the radio switches off automatically. To switch off the entire system, press the stand-by button •.

Note: Selecting radio programs as described here requires that you have tuned in to all your favourite radio stations and preset them on program numbers of their own. See how on the next few pages.

Turns on the radio	RADIO
Press to step through your radio programs	▲ or ▼
Alternatively, key in the exact program number you want (1-30)	0 through 9
Press to raise the volume	^
Press to lower the volume	v
Silences the speakers immediately Press again to recall the sound	MUTE
Switches the system to stand-by	•

* Note: The program name function requires that the radio is equipped with the RDS facility described on page 10.

Presetting radio stations

RADIO — Turn on the radio

then

TUNE — Press to access to the tuning function

▲ — Switches from FM to AM, or vice versa

then

PLAY — Press to accept FM or AM

▲ or ▼ — Press to search for a radio station – up or down the frequency band

then

PLAY — Press to accept the station you have found

▲ or ▼ — Press to change the displayed program number (1-30), if you like

then

PLAY — Press to store the radio station on the displayed program number

If you want to name* the program:

▲ or ▼ — Press to reveal the characters one by one

▶▶ or ◀◀ — Moves to the next character position forwards or backwards

Keep writing the name you want, using this method...

PLAY — Finally, press to store your new radio program

To be able to use the radio as described on the previous page, you must first tune in to your favourite radio stations and store them on program numbers of their own.

You can store up to 30 radio stations and, if your radio is equipped with the RDS facility, you will even be able to give a short name of your own choice to each program.

The TUNE button gives access to presetting radio stations. When you have pressed TUNE, presetting a radio station is like having a conversation with the BeoSound 4000 display:

The display prompts you to do something; then press ▲ or ▼ to reveal other options. Pressing the PLAY button accepts any information that is currently shown in the display.

All in all, the tuning procedure takes you through five stages...

1. First you must select the band in which you want to tune – FM or AM.

2. Then you can make the radio search for a station by pressing ▲ or ▼. Searching stops at the first station producing an acceptable signal. If this is not the station you want, just press ▲ or ▼ again to continue searching.

3. When you have found a station, you must store it on a program number of its own. The display automatically offers you a vacant program number, but you may select another if you like. If the number in the display is blinking, it is to indicate that the station you have found has already been stored once – and on *that* program number.

4. Then, if you like, you can give a short name of your own choice (8 characters) to your new radio program*; or you can skip the naming function by pressing PLAY – in that case, you will see the name transmitted by the radio station (if any) instead when you play the radio program*.

5. Finally, you must store your new radio program along with all the information you have keyed in with it.

* Note: This function is only available if your radio is equipped with the RDS facility. Please refer to page 10 for further information.

Note: If a station needs fine tuning, or if you wish to switch sound (mono/stereo) on a radio program, please refer to page 14.

Document your radio presets here

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Clearing presets...

If you wish to clear (cancel) one of your radio presets, you can do so via the SETUP button. See how to the right...

When the program number has been cleared, the display reads *CLEARED*.

Switch on to the radio program you want to clear, for example program number 5	RADIO then 5
Press to access the setup function	SETUP then
Press twice until the display reads *CLEAR*?	▼ then
Press to confirm that you want to clear (cancel) the radio program	PLAY

Fine tuning a radio station

RADIO
then
5
Switch on to the radio program you wish to fine tune,
for example program number 5

TUNE
then
PLAY
Press to get access to the tuning function

TUNE
Press again to get access to the fine tuning function

then
▲
or
▼
Fine tunes towards a higher or a lower frequency

PLAY
Press to store your fine tuning

If the sound from a radio station is not coming through clearly, it may be because the station needs fine tuning.

The fine tuning function enables you to move slowly through the frequencies, or to detune a station slightly because of noisy reception.

To do so, just follow the instructions to the left, and listen carefully as you proceed...

Mono/stereo reception

RADIO
then
5
Switch on to the relevant radio program,
for example program number 5

TUNE
then
PLAY
Press to get access to the tuning function

TUNE
Press *twice* to display the current mono/stereo setting

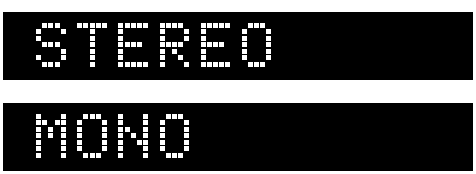
then
▲
Press to switch from stereo to mono,or vice versa

PLAY
Press to store your new setting on the program number

If you have tuned in to an FM station broadcasting a stereo signal, this signal will be stored along with the radio program.

The system automatically switches to mono if the stereo signal is not strong enough to produce an acceptable sound.

However, you can overrule this automatic function if you wish, and select mono or stereo manually. See how to the left on this page...

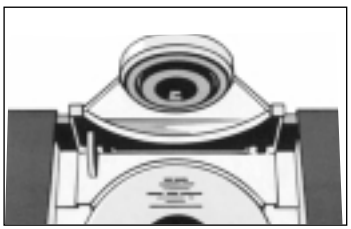


The current setting is indicated in the display – stereo or mono sound.

16 Loading a CD
Switching displays
17 Playing the CD
18 Playing tracks in random order
Playing the CD over and over again
19 Programming a sequence of tracks

Loading a CD

LOAD — Raises and lowers the clamp which holds the CD in place



Pressing the LOAD button raises the clamp which hold the CD in place. You can then remove any CD from the compartment and load the one you want to play. Always load the CD with the text side facing you!

Pressing LOAD again lowers the clamp. You may also press the CD button to lower the clamp and start playing the CD at once.

Note: If you leave the clamp open, it will close automatically after 5 minutes.

Switching displays

CD — Start playing a CD

then

DISPLAY — Press repeatedly to change the CD display indication

The display can give you three different types of information about where you are on a CD:

- Track number
- Track time
- Remaining playing time

To switch from one display to the other, you must press the DISPLAY button repeatedly *while* the CD is playing.

Your chosen display indication for the CD player will be maintained until you select another via the DISPLAY button.

Track number

Elapsed time of the current track

Remaining playing time for the entire CD

Playing the CD

When you press the CD button to start playing, all information on the CD – for example the total number of tracks – will first be registered. Then the CD starts playing from the beginning.

While the CD is playing, you can step through the tracks by pressing the step buttons ▲ or ▼; or you can key in the exact track number you want to hear, using the number buttons.

By pressing ▶▶ or ◀◀ you can search for a specific passage on a CD (forward or backwards) – just as if you were winding through an audio tape.

Searching continues for as long as you keep your finger on the button – at a low speed to begin with and, after 3 seconds, at a high speed. When you lift your finger off the button, the CD resumes playing – or pausing, if it was paused when you started.

By means of the PAUSE and PLAY buttons you can pause and resume playback any time.

When the CD has been played through once, the CD player stops – waiting for another instruction to play.

If you select another source, the CD player switches off automatically. To switch off the entire system, press the stand-by button •.

Note: If the CD player is left paused or stopped for more than 30 minutes, the system automatically switches to stand-by.

Starts playing the CD you have loaded	CD
Press to play the next track	▲
	or
Press to play the current track again Press twice to play the previous track	▼
Alternatively, key in the exact track number you want to hear, e.g. 10	1 0
Hold down to search forward towards the end of the CD	▶▶
Hold down to search backwards towards the beginning of the CD	◀◀
Press to pause playback	PAUSE
Press to resume playing	PLAY
Press to raise the volume	^
Press to lower the volume	v
Silences the speakers immediately Press again to recall the sound	MUTE
Switches the system to stand-by	•

Playing tracks in random order

RANDOM Press while the CD is playing to see the current setting in the display

then

RANDOM Press again to switch the random play function on or off

Note: The function remains on until you change it via the RANDOM button, or until you switch the system to stand-by.

The random play function enables you to play all the tracks on a CD in random order. To do so, you must press the RANDOM button.

Whenever you press RANDOM, the display shows the current setting. Then, to change from one to the other, just press RANDOM again.

When all the tracks on the CD have been played through once – in random order, the CD player stops, waiting for another instruction to play.

The random play function is switched on

The random play function is switched off

Note: While playing tracks in random order, the display cannot be set to showing remaining playing time.

Playing the CD over and over again

REPEAT Press while the CD is playing to see the current setting in the display

then

REPEAT Press again to switch the CD-repeat function on or off

Note: The CD-repeat function remains on for 12 hours; until you change it via the REPEAT button; or until you switch the system to stand-by.

The CD-repeat function makes the CD player play the CD over and over again for up to 12 hours. The REPEAT button gives access to this function.

Whenever you press REPEAT, the display shows the current setting. Then, to change from one to the other, just press REPEAT again.

After 12 hours of uninterrupted playing, the system automatically switches to stand-by.

The CD-repeat function is switched on

The CD-repeat function is switched off

Programming a sequence of tracks

You can program the CD player either to play specific tracks on the CD you have loaded, or to leave out certain tracks.

To do so, you must start playing the CD. If you don't want playing to continue while you program the track sequence, press PAUSE.

You can then either select the tracks you want in the sequence, using the SELECT button; or you can reject the tracks you want to leave out, using the REJECT button. The display will guide you through the programming.

Pressing PLAY (or CD) makes the CD player start playing your programmed sequence of tracks – in numerical order.

The CD player memorizes the track sequence until you unload the CD. But you may also clear (cancel) the sequence yourself by pressing REJECT for two seconds (while the CD is playing).

Note: By pressing the step buttons ▲ or ▼, you can step through the tracks in the sequence as you like.

Whenever you press the SELECT *or the* REJECT *button, the display prompts you to key in a track number.*

The display then writes SELECTED (included) or REJECTED (excluded) indicating that the CD player now memorizes the track number. Then press SELECT *or* REJECT *again to key in the next track number you want (or don't want) in your sequence of tracks.*

Start playing the CD — CD

then

Press to pause the CD player — PAUSE

Then start programming your sequence of tracks...

Press to *include* a track number — SELECT

then

Key in the track number of your choice, e.g. 10 — 1, 0

or

Press to *exclude* a track number — REJECT

then

Key in the track number you want to leave out, e.g. 11 — 1, 1

Repeat the including or excluding of track numbers using one of the above methods

---

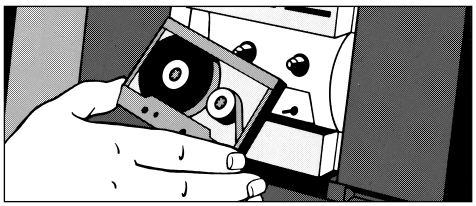
Starts playing the programmed sequence — PLAY or CD

Clears a programmed sequence of tracks (hold down for 2 seconds) — REJECT ↓

NOTES

22 Loading a tape
Switching displays
23 Playing the tape
24 Instant recording on tape
25 Recording specific CD tracks
26 Using Dolby NR noise reduction
Cancelling the tape reverse function

Loading a tape



The tape cassette must be loaded with the tape slot facing downwards – and with the A-side out.

Insert the top section first, then push in the bottom half of the cassette until it is properly seated in the compartment.

To unload the tape, grip the sides of the cassette – a little below the middle – and gently but firmly pull it outwards.

Note: The tape recorder adjusts automatically to the type of tape you are using: ferro, chrome or metal.

Switching displays

TAPE Start playing a tape

then

DISPLAY Press repeatedly to change the tape display indication

The display can give you two different types of information about where you are on a tape:

- Track number
- Counter position

To switch from one display to the other, you must press the DISPLAY button *while* the tape is playing.

Your chosen display indication for the tape recorder will be maintained until you select another via the DISPLAY button.

Note: The tape recorder only recognizes tracks if there is a pause (or blank) of at least 3 seconds between them.

Note: When you first load a tape, the tape recorder does not know how many tracks it contains, or which track is currently playing, and there will be no indication of track number in the display.

Track number

Tape counter position

Only when you ask for a specific track, will the tape recorder start registering track numbers: The tape is rewound to the beginning and then forwarded until the tape recorder finds your chosen track number.

When the tape has been played through once, the tape recorder knows exactly how many tracks it contains. When you ask for a specific number, it therefore immediately starts winding until it finds your chosen track.

Note: Likewise, the counter indication will always start at 0000 when you load a tape, even if it is halfway through. Therefore, if you want the correct counter indication, you must rewind the tape to the beginning *before* you start playing or recording.

Playing the tape

Pressing the TAPE button starts the tape recorder. If you press TAPE then 1, the tape will be rewound to the beginning to start playing from the first track.

The tape recorder automatically reverses the tape at the end of the first side and, within one second, resumes playing. If you want to "turn" the tape to play the other side, just press TURN.

While the tape recorder is playing, you can step through the tracks on the tape by pressing the step buttons ▲ or ▼; or you can key in the exact track number you want to hear, using the number buttons.

You can also rewind or fast forward the tape to a specific position. To do so, press ◀◀ or ▶▶. When the tape reaches the point you want, just press PAUSE to pause the tape recorder, or press PLAY to resume playback.

PAUSE and PLAY can also be used during playback to pause and resume playing the tape at any point you like.

When the tape has been played through once, the tape recorder will pause, waiting for another instruction to play.

If you select another source, the tape recorder switches off automatically. To switch off the entire system, press the stand-by button •.

Note: If the tape recorder is left paused for more than 30 minutes, the system switches to stand-by.

Starts playing the tape you have loaded — TAPE

Press **1** to start playing from the very beginning of the tape

---

"Turns" the tape to start playing the other side — TURN

Press to play the next track — ▲

or

Press to play the current track again
Press twice to play the previous track — ▼

Alternatively, key in the exact track number you want to hear, e.g. 10 — 1 then 0

Rewinds the tape — ◀◀

Fast forwards the tape — ▶▶

then

Press to pause the tape recorder — PAUSE

or

Press to resume playing — PLAY

Press to raise the volume — ^

Press to lower the volume — v

Silences the speakers immediately
Press again to recall the sound — MUTE

Switches the system to stand-by — •

Instant recording on tape

RADIO — Start playing the source you wish to record, for example radio

then
RECORD — Press to make the tape recorder ready for recording

then
RECORD — Press again to start recording

PAUSE — Press to pause your recording

A pause of four seconds is inserted on the tape

then
RECORD — Press to resume recording

or
RADIO — Press to stop the tape recorder and return to controlling, for example the radio

---

At any time *before* you stop the tape recorder...

RETURN — Press to return to the spot where your recording started

Note: The copyright laws of some countries prohibit the copying of prerecorded material.

The buttons you will use for recording are the three buttons with green text: RECORD, PAUSE, and RETURN.

Whenever the BeoSound 4000 is playing, you can start recording directly on the tape in the tape recorder – just press the RECORD button twice.

When you press RECORD the first time, the tape recorder gets ready for recording. The display indicates that the system is ready by, alternately, displaying *RECORD* and the source you are listening to.

Press the RECORD button again, and recording starts immediately.

You can pause your recording any time by pressing the green PAUSE button. The tape recorder automatically inserts a pause of 4 seconds on the tape.

Then press RECORD again to resume recording; or press another source button, for example RADIO, to stop recording and switch off the tape recorder.

If you press the RETURN button during recording or while the recording is paused, the tape recorder will rewind the tape to the spot where your recording started – that is to the spot where you last pressed RECORD.

You can then play back what you have just recorded (press TAPE), or if you regret your recording, just press RECORD again to record something else.

Nice to know...

- Before you start recording, don't forget to set the Dolby NR function and the automatic tape reverse function as you prefer. See page 26.
- The recording level is adjusted automatically, which ensures that your tapes will not be overloaded.
- The four-second pauses between your recordings are important for the tape recorder to be able to register the tracks on a tape during playback.
- When the source for your recording stops (e.g. the CD player), the tape recorder pauses as well – quite automatically.
- If the tape runs out, the tape recorder leaves the recording mode and the source for your recording stops simultaneously. If no further instructions are received, the system automatically switches to stand-by after 30 minutes.

Recording specific CD tracks

The system also allows you to start recording from a specific track on a CD.

If you press RECORD while a CD is playing, the CD player pauses. You can then key in the track number from which you want the recording to start.

Then, when you press RECORD again, the tape recorder starts recording and the CD player starts playing from the beginning of the track you have chosen.

At the end of the track, or later if you like, press the green PAUSE button to pause the recording.

Then press, for example, the CD button to switch off the tape recorder and return to just listening to the CD.

Note: Please refer to the previous page for further information about recording.

Start playing the CD — CD

then

Press to make the tape recorder ready for recording — RECORD

The CD player pauses...

Key in the track number you want, for example track number 10 — 1, 0

then

Press again to start recording the track you have chosen — RECORD

By the end of the track (or later)...

Press to pause your recording — PAUSE

You may then key in a new track number and press RECORD to resume recording; or press CD to stop recording

Using Dolby NR* noise reduction

DOLBY NR — Press while the tape is playing to see the current setting

then

DOLBY NR — Press again to switch Dolby NR from ON to OFF, or vice versa

Dolby NR is automatically reset to ON during recording.

The BeoSound 4000 is equipped with the Dolby B NR system. From the factory, the noise reduction system is cut in.

If you wish to change this setting, you may do so by pressing the NR button. The display then shows the current setting. Press NR again to change from ON to OFF, or vice versa.

Note: The Dolby NR system reduces the background noise on your tapes. If a tape is recorded with the Dolby NR system cut in, the tape must also be played back with the Dolby NR system cut in.

Dolby NR is cut in

Dolby NR is cut out

*Trademark of Dolby Laboratories Licensing Corporation. Noise reduction system manufactured under license from Dolby Laboratories Licensing Corporation.

Cancelling the automatic tape reverse function

AUT REV — Press while the tape is playing to see the current setting

then

AUT REV — Press again to switch the automatic tape reverse function from ON to OFF, or vice versa

The tape recorder always plays through the entire tape (A and B side) before stopping – that is, you don't have to turn the tape manually.

You can of course cancel the automatic tape reverse function if you like, so that only the current side will be played (or recorded on).

To do so, you must press the AUT REV button. The display then shows the current setting. Press AUT REV again to change from ON to OFF, or vice versa.

The automatic tape reverse function is cut in

The automatic tape reverse function is cut out

28 Programming Timers
30 Switch on the Timer function!
31 Checking or cancelling your Timers
32 Setting the built-in clock

Programming Timers

PROGRAM — Press to access the Timer programming function

▼ — Press repeatedly to display the type of Timer you wish to program *(Timer Record, -Play,* or *-Stand-by)*

then

PLAY — Press to select the displayed type of Timer

The display reads *NEW?*

then

PLAY — Press to confirm that you want to program a new Timer

Then start programming...

▼ or ▲ — Press to reveal new options (or numbers) in the display

then

PLAY — Press to accept what is shown in the display – and to move on

---

To program a *WEEKLY* Timer...

▲ — Press to reveal the day(s) you want in the display: *M T W T F S S*

then

▶▶ — Press to move from one day to the next

then

PLAY — Press to accept the days displayed

When you have entered all the relevant information...

PLAY — Press to store your programming

You can program the system to start recording, to start playing, or to switch off quite automatically – without you having to be there to control the process:

- The *Timer Record* function enables you to program the system to start and stop recording a radio program.
- The *Timer Play* function can, for example, be used to wake you up in the morning to the sound from either your favourite radio program, CD or tape.
- The *Timer Stand-by* function enables you to program the system to switch off automatically – for example after you leave for work in the morning.

The BeoSound 4000 memorizes up to 11 such programmings at a time.

Once you have pressed the PROGRAM button to get started, programming a new Timer is just like having a conversation with the display...

Note: When you have programmed a Timer, make sure that the green timer indication in the display is switched on! Please refer to page 30.

Nice to know...

- If you happen to make a mistake or change your mind while you are programming, just press the PROGRAM button again – and start over.
- While you are programming a Timer, pressing the ◀◀ button will take you back one step in the programming sequence.
- For a *Timer Stand-by* programming, you will neither be asked to key in a source, nor a start time. All the system needs to know, is at what time you want it to *stop* playing, and *how often.*
- The system has a 24-hour clock. This means that the display reads, for example, 22.15 for a quarter past ten pm. In order for the Timers to be executed correctly, the clock must be set to the correct time – see how on page 32.
- If you want to set the volume level higher or lower for your Timer, refer to page 34 for further instruction.
- **"How often?"...**
  The system must be programmed to carry out a Timer either *once* on a specific date (ONCE), or *on selected weekdays* in the future (WEEKLY).

  If you select ONCE, the cue DATE in the display prompts you to select a date within the next month (1-31). Press ▲ or ▼ and then PLAY to do so.

  If you select WEEKLY, seven dashes appear in the display, prompting you to fill in the weekday(s) on which you want the system to carry out the Timer: M T W T F S S. The letters represent the seven days of the week, starting with M for Monday. Press ▲ to enter a day, and press ▶▶ to move on to the next day you want to enter. Finally press PLAY to accept the days in the display.

1

First you must select the type of Timer you want to program: Timer Record,...

Timer Play, or...

Timer Stand-by.

Note: To make use of the sources TV, SAT (satellite TV), and V.TAPE (video tape recorder) displayed, the BeoSound 4000 must be connected to a Bang & Olufsen video system.

When the BeoSound 4000 is used in certain types of integrated Bang & Olufsen AV systems (see page 39), the Timer Play function will not be available. Timer Play must then be programmed via your TV.

2

When you select NEW?, *you inform the system that you want to program a new Timer. Then start programming...*

3

Display the source you want, for example radio. Then press PLAY.

Display the program number you want. Then press PLAY.

Display the time you want the Timer to start. Then press PLAY.

Display the time you want the Timer to stop. Then press PLAY.

Display "how often" you want the Timer to take place: ONCE (on one specific date), or WEEKLY (on specific weekdays in the future). Then press PLAY.

Display the date (for a ONCE programming); or fill in the weekdays (for a WEEKLY programming). Then press PLAY.

Finally, press PLAY to store your new Timer.

Switch on the Timer function!

SETUP — Press to enter the setup function

then

▼ — Press until TIMER? is displayed

then

PLAY — Press to see the current Timer setting in the display

then

▲ — Press to switch from ON to OFF, or vice versa

then

PLAY — Press to store the displayed Timer setting

The Timers you have programmed into the BeoSound 4000 can all be executed with or without the loudspeakers being cut in.

For the loudspeakers to be cut in – so that you can hear your *Timer Play* programmings, you must switch on the Timer sound control!

A small green light then appears in the display (next to the stand-by light).

See how to switch the Timer sound control on or off to the left on this page...

The green light shows you that the Timer Play function is cut in.

Note: If you forget to switch the Timer sound control on, the programmed Timers *will* be executed at the specified times, but the speakers will be muted.

Note: If you use the BeoSound Overture in a fully integrated Bang & Olufsen AV system (see page 39), the Timer sound control must be set on/off via the TV. In that case, the green light in the Ouverture display will not switch on.

Checking or cancelling your Timers

You can look up each Timer you have programmed to either check its contents, or to cancel it completely. To do so, you must press the PROGRAM button.

When you have pressed PROGRAM, you must first decide which type of Timer it is that you want to look up: *RECORD, PLAY*, or *ST.BY.* (stand-by).

Then, display *CHECK?* – and press PLAY. You will then find that each Timer you have programmed within that group is listed.

To leaf through the Timers, just press ▲ repeatedly. You can also check the exact contents of a Timer by pressing PLAY repeatedly.

At the end of each Timer, you will see the cue *MORE?* in the display, meaning: "Do you want to check the next timer programming?" Press PLAY if you do; or press ▼ or ▶▶ to reveal *CLEAR?* instead.

While *CLEAR?* is displayed, pressing PLAY will clear (cancel) the Timer you have just checked.

Note: If you want to clear a Timer, without checking its contents first, just look up the Timer and press ▶▶ to step directly to *MORE?*, then press ▼ or ▶▶ to reveal *CLEAR...*

Press to access the Timer programming function — PROGRAM

then

Press repeatedly to display the type of Timer you wish to check *(Record / Play / Stand-by)* — ▼

then

Accesses the displayed group of Timers — PLAY

The display reads *NEW?*

Press until *CHECK?* is displayed — ▼

then

Press to start checking your programmed Timers within that group... — PLAY

Press repeatedly to display your programmed Timers one by one — ▲

Press repeatedly if you want to check a particular Timer in detail — PLAY

When *MORE?* is displayed...

Press to see the next Timer — PLAY

or

Press to reveal *CLEAR?* instead — ▼

or

▶▶

then

Clears (cancels) the current Timer
The display reads *CLEARED* — PLAY

Setting the built-in clock

SETUP — Press to access the setup function

If *CLOCK?* is not already displayed press ▼ until *CLOCK?* is displayed

then

PLAY — Press to call up the built-in clock

The time is displayed...

▲ or ▼ — Press to change the displayed time, if necessary

then

PLAY — Press to accept the displayed time

The date and month are displayed...

▲ or ▼ — Press to change the displayed date and month, if necessary

then

PLAY — Press to accept the date

The year is displayed...

▲ or ▼ — Press to change the displayed year, if necessary

then

PLAY — Press to accept the year

The display now reads *STORE?*

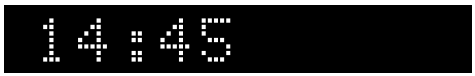
PLAY — Press to store your new setting of the clock

If you want to make use of the Timer function, you must first make sure that the built-in 24 hour clock in the BeoSound 4000 has been set to the correct time, date and year.

The display enables you to check that the clock is set correctly. If it is not, you can change the setting in the process.

To check (or set) the clock, you must use the SETUP button. Any new settings you make will be stored in the BeoSound 4000 when you press PLAY in the end. See how to the left on this page...

Note: If you happen to make a mistake or change your mind while you are setting the clock, just press SETUP again – and start over.



The display shows the time,

...the date,

...and the year

Note: The display writes *14:45* for a quarter to three pm. – and it writes...

JAN...	for	January
FEB...	for	February
MAR...	for	March
APR...	for	April
MAY...	for	May
JUN...	for	June
JUL...	for	July
AUG...	for	August
SEP...	for	September
OCT...	for	October
NOV...	for	November
DEC...	for	December

34 Adjusting sound
36 Playing auxiliary sources
37 Music throughout the house

Adjusting sound

Select a source…

then
SETUP — Press to access the setup function

The display reads *SOUND?*

then
PLAY — Press to access the sound adjustment function

PLAY — Press repeatedly to display the sound cue you want

Then adjust the sound to your liking...

◀◀ — Adjusts balance to the left
or
▶▶ — Adjusts balance to the right

▲ — Raises or lowers the sound levels; cuts the loudness function in or out
or
▼

then
PLAY — Press repeatedly until *STORE?* is displayed

then
PLAY — Press to store *all* the current sound levels

If you haven't stored your sound adjustment...

RESET — Press any time to reset the sound levels to their original settings

The SETUP button gives access to adjusting the sound coming out of the speakers connected to the BeoSound 4000. And it gives access to storing the adjustment as a permanent setting, if you like.

All you have to do is choose a source and then find *SOUND?* in the display and press PLAY.

You can then adjust the volume level and the bass and treble levels to suit your personal taste; you can alter the balance between the left and the right speaker to direct the sound towards your favourite listening position; and you can cut the loudness function in or out as you like.

Each time you press the PLAY button, a new cue appears in the display, indicating which adjustment can be made, and showing the current setting.

Then use the step buttons ▲ and ▼, or ◀◀ and ▶▶ to adjust as required.

You can press RESET any time to reset the sound levels to their original settings.

However, all you have to do to turn your adjustment into a permanent setting of the system, is keep pressing PLAY, until the display reads *STORE?*. Then press PLAY one last time to store your new sound setting.

The display shows the current volume level. Volume can be adjusted in steps of two within a range of 00 to 72.

The display shows the current balance setting – here neutral. Balance can be adjusted within a range of 7 to either side.

The display shows the current bass level – here neutral. Bass can be adjusted within a range of -5 to +5.

The display shows the current treble level – here neutral. Treble can be adjusted within a range of –5 to +5.

The display shows the current loudness setting – ON if it is switched on, OFF it is switched off.

The display asks you if you want to store the current sound setting. Press PLAY if you do.

Nice to know...

- When the BeoSound 4000 leaves the factory, all these sound levels are set to neutral values which will suit the majority of situations.
- All the current sound levels will be stored simultaneously.
- If you make your sound adjustments without accepting *STORE?* in the end, the sound adjustment cues simply disappear, and the system reverts to normal playback. But, when you switch off the system, the adjusted sound levels will be reset to their original values.
- To adjust volume, you need not press the SETUP button first – just press the volume buttons ∧ or ∨; or press MUTE to silence the speakers completely.
- The loudness function is used to compensate for the human ear's lack of sensitivity to high and low frequencies when listening to low volume levels. It "boosts" the high and low frequencies, so that the music becomes more dynamic.

Playing auxiliary sources

AUX — Turns on the auxiliary function and your extra Bang & Olufsen product

▲ or ▼ — Press to step through the music on a record; or to step through tracks on a tape or a CD

▶▶ — Fast forwards a tape; searches forward on a CD

◀◀ — Rewinds a tape; searches backwards on a CD

PAUSE — Press to pause playback

PLAY — Press to resume playback

^ — Press to raise the volume

v — Press to lower the volume

MUTE — Silences the speakers immediately Press again to recall the sound

● — Press to switch off

The AUX button enables you to start playing any extra Bang & Olufsen equipment* you may have connected to the BeoSound 4000.

You will then hear the sound from the extra source through your BeoSound 4000 speakers.

While the source is playing, you can control some of the daily playback functions via the BeoSound 4000 key-pad. The available functions are shown to the left on this page...

If you select one of the sources in the BeoSound 4000 instead, the AUX function is stopped automatically.

Or, you may press the stand-by button • to switch off both the auxiliary source and the BeoSound 4000 simultaneously.

Note: The extra equipment must be connected to the AUX-socket on the back of the BeoSound 4000. For further information, please refer to the *Setting-up guide* which is also enclosed with the BeoSound 4000.

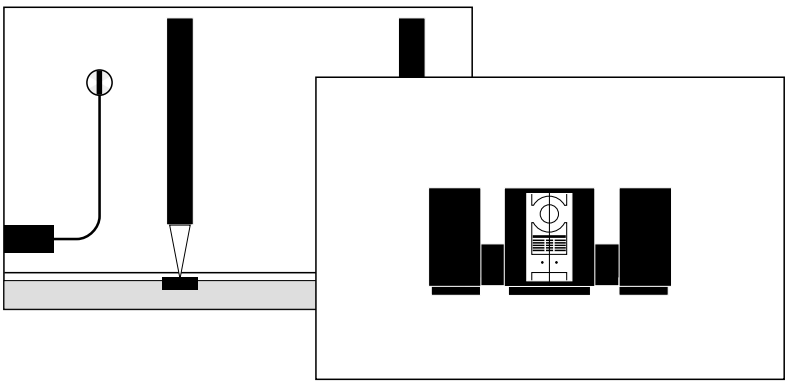
* Note: Only Bang & Olufsen data-link products can be used as described on this page.

Only Bang & Olufsen record players equipped with a RIAA pre-amplifier can be used with the BeoSound 4000.

Note: If you connect non-Bang & Olufsen equipment to the AUX-socket, pressing AUX will open up for the signal into the BeoSound 4000. Non-Bang & Olufsen products cannot be operated via the BeoSound 4000, but must be operated as usual – directly on the product.

Note: Please contact your Bang & Olufsen dealer for complete information about which Bang & Olufsen products can be used with the BeoSound 4000.

Music throughout the house



For the BeoLink system to work, a BeoLink installation is required from the BeoSound 4000 (or your AV system) to the room where you want sound and pictures – or sound alone.

Different configurations are available. Your Bang & Olufsen dealer will assist you with further information.

The Bang & Olufsen BeoLink system enables you to "take your system with you".

As you move through your house, you can communicate with your BeoSound 4000 in any room in which you have installed BeoLink equipment.

You can play any program or music source you like on the BeoSound 4000 and hear it in the room with your extra speakers or your extra TV.

The basic functions offered by the BeoSound 4000 can even be operated via your BeoLink products – just as if you were operating the system directly, using the remote control.

Please refer to the User's guide for your BeoLink products for operating instructions.

Using the Beo4

Although designed primarily for close-up operation, the BeoSound 4000 music system can also be operated from a distance.

The Beo4 remote control operates all the primary functions in the BeoSound 4000, such as switching on, selecting other radio programs, selecting tracks on a CD or a tape, adjusting volume, and switching off.

But this is not all. The Beo4 remote control also enables you to switch on the special random and repeated playing functions in the CD player...

Note: Please refer to the Beo4 User's guide for information about the Beo4 principles of operation.

RADIO — Turns on the radio

CD — Starts the CD player

A TAPE — Starts the tape recorder

LIST — Press to display TURN*
then
GO — Press to "turn" the tape

▲ or ▼ — Press to step through your radio programs, tracks on a tape or a CD

Alternatively, key in the exact number using the number keys

▶▶ — Fast forwards a tape
or
◀◀ — Rewinds a tape

Searches through a CD
or
Searches backwards through a CD

STOP — Pauses playback any time

GO — Press to resume playback

---

^ — Raises the volume

v — Lowers the volume

Press ^ and v simultaneously to silence the speakers completely; press again to recall the sound

---

● — Switches off

The Beo4 remote control is not a standard component of the BeoSound 4000. Beo4 is available as an optional extra at your Bang & Olufsen dealer.

Note: To switch off the random and repeated playing functions in the CD player, you must use the buttons on the BeoSound 4000.

Note: To switch on an extra source connected to the BeoSound 4000 AUX-socket, you must find A.AUX* in the Beo4 display, then press GO.

If it is a Bang & Olufsen record player you have connected, find PHONO* in the Beo4 display, then press GO. If it is a Bang & Olufsen tape recorder, find A.TAPE2* in the Beo4 display, then press GO.

*Note: In order to display A.AUX, PHONO and A.TAPE2 on Beo4, you must add the functions to Beo4. Please refer to Beo4's own User's guide and the chapter, *Customising your Beo4,* for further instruction.

Press to display RANDOM — LIST

then

Press to switch on the random play function — GO

Press to display REPEAT* — LIST

then

Press to switch on the repeated playing function — GO

Press to make the system ready for recording — RECORD

then

Press again to start recording — RECORD

Press to pause the recording — A TAPE

then

STOP

Press to switch off the tape recorder and return to controlling, for example the radio — RADIO

Press to display RETURN* — LIST

then

Press to return to the start of your recording — GO

*Note: In order to display TURN, REPEAT and RETURN on Beo4, you must add the functions to Beo4. Please refer to Beo4's own User's guide and the chapter, *Customising your Beo4,* for further instruction.

Using BeoSound 4000 in a link room with Beo4

Before you start...
Please refer to the Setting-up guide for further instruction of how to prepare BeoSound 4000 for use in a link room.

If you have BeoLink installed in your home and choose to place your BeoSound 4000 in a link room, operate your BeoSound 4000 as if it was placed in a main room.

You can listen to the sources available in your link room BeoSound 4000 and you can hear the audio or video sources from your main room on BeoSound 4000 as well.

You can furthermore also record the sound from the sources available in your main room system onto your BeoSound 4000 audio tape recorder.

A Timer play programmed via your main room system will also be executed on your link room BeoSound 4000 if you wish.

Note: If you have a BeoLink setup with both a BeoSound 4000 and a TV e.g. MX 4002 in your link room and want to hear main room video sources on your BeoSound 4000, you must press LIST until AU* is displayed, then TV to hear a TV programme and LIST until AU is displayed, then SAT to hear a Satellite programme.

*Note: In order to display AU on Beo4, you must add the function to Beo4. Please refer to Beo4's own User's guide and the chapter *Customising your Beo4,* for further instruction.

RADIO — Press to switch on the radio

CD — Press to switch on the CD player

A TAPE — Press to switch on the tape recorder

Then operate your radio, CD player and tape recorder as usual…

Transferring main room sources, sound only…

TV — Press to listen to the sound from a TV programme

SAT — Press to listen to the sound from a Satellite programme

LIST — Press until LINK* is revealed on Beo4

then

CD — Press to listen to CD

or

A TAPE — Press to listen to an audio tape

Recording onto your tape recorder…

CD — Press to record CD

or

RADIO — Press to record radio

Use the number keys to select a radio program number

then

RECORD — Press to start recording

RECORD

See the following page for more information about recording…

Recording main room sources…

TV — Press to record TV sound only

or

SAT — Press to record Satellite sound only

Use the number keys to select a TV or Satellite program number

or

LIST — Press until LINK* appears on Beo4

then

CD — Press to record CD from main room

or

A TAPE — Press to record audio tape from main room

then

RECORD — Press to start recording

RECORD

To stop recording…

STOP — Press to pause recording

RADIO — Press another source button to stop recording entirely, e.g. RADIO

*Note: In order to display LINK on Beo4, you must add the function to the Beo4 list of functions, see Beo4's own User's guide and the chapter, *Customising your Beo4,* for further instruction.

NOTES

Date purchased

Contact person

Dealer

Telephone

Address

BeoSound 4000 serial number

Dear Customer,

Your needs as the user of our products are always given careful consideration during the design and development process, and we strive to make our products easy and comfortable to operate.

We therefore hope that you will take time to drop us a line, telling us about your experiences with your Bang & Olufsen system. Anything which you consider important – positive or negative – may help us in our constant efforts to refine our products.
Thank you!
Please write to:

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Printed in Denmark by
Bogtrykkergården a-s, Struer